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CR-119119

Progress Report, December 1974

A Lake and Sea Ice Experiment with Skylab Microwave Radiometry

P No. 457-4
Order No. T-4112B

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September 1975

Z.H. Byrns
Technical Monitor
PIMO, TF6
NASA Johnson Space Center
Houston, Texas 77058

(E76-10011) A LAKE AND SEA ICE EXPERIMENT
WITH SKYLAB MICROWAVE RADIOMETRY Progress
Report, Dec. 1974 (Geological Survey) 2 p
HC \$3.25

N76-10543

CSCL 08L

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G3/43 00011

Skylab Progress Report, December 1974

A Lake and Sea Ice Experiment with Skylab Microwave Radiometry

The following data was received this quarter:

EREP: S192 False-color IR imagery: rolls 859, 860, 861, 928, 867

Black/white IR imagery: rolls 972, 959, 910

Work continues on interpretation of data already received and comparison with surface-truth, aircraft, and other satellite and Skylab data. Data received this quarter is being prepared for use in the study.

A request has been made for additional, substitute, S190A & B photography over the test areas, as much of the photography gathered on test days was cloudy. A request has been made for ERAP PMIS data for flight 36, lines 4-6, over Lake Ontario, since this segment has not as yet been received. A request was also made to have the tapes from the S193 scatterometer/radiometer sent to the Remote Sensing Center, Texas A&M University, when they are available, as the Remote Sensing Center will reduce the data for this project.

A proposal has been sent to the Technical Support Procurement Branch, NASA-JSC, for extension of our EREP contract through 30 September 1975 and additional support for this period of \$11,000.00.